

METHODS AND APPARATUS FOR ILLUMINATION OF REFUELING HOSES

ABSTRACT OF THE DISCLOSURE

Methods and apparatus for illumination of aerial refueling hoses are disclosed. In one
5 embodiment, a conduit for transferring a flowable material includes a wall member. A
plurality of optical fibers are at least one of formed within an outer layer of the wall member
and disposed on an outer surface of the wall member. A light emitted by the optical fibers
illuminates the conduit. In an alternate aspect, the optical fibers may be replaced with a
luminescent outer portion. The luminescent outer portion may include an electromagnetic
10 substance, a phosphor substance, an ultraviolet-energized material, or any other suitable
material.

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